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EXAMINER

CHANNAVAJALA, SRIRAMA T

ART UNIT PAPER NUMBER

2166

DATE MAILED: 05/31/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/995,931

Applicant(s)

YU, PHILIP K.

Examiner

Srirama Channavajjala

Art Unit

2166

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 12 May 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 19-36 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 19-36 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

***Response to RCE***

1. Claims 1-18 have been cancelled [5/12/2005].
2. claims 19-36 have been added
3. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 5/12/2005 has been entered and a non-final Office action, as stated below.
4. Examiner acknowledges applicant's amendment filed on 8/2/2004
5. In view of amending claims 7-8 [8/2/2004], the objection to claims 7-8 as set forth in the previous office action is hereby withdrawn.

***Drawings***

6. The drawings filed on 11/28/2001 are approved by the Draftsperson under 37 CFR 1.84 or 1.152.

***Information Disclosure Statement***

7. The information disclosure statement filed on 8/2/2004 comply with the provisions of 37 CFR 1.97, 1.98 and MPEP § 609 has been considered, a copy of PTO-1449 is hereby enclosed with this office action.

***Priority***

8. Applicant's claim for domestic priority under 35 U.S.C. 119(e) is acknowledged based on Provisional Application Number 60/253,490 filed on November 28, 2000

***Claim Rejections - 35 USC § 102***

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

9. ***Claims 19-23,35,27-29,31 are rejected under 35 U.S.C. 102(e) as being anticipated by Bengtson, US Publication 2002/0049781 [application No. 09/846,674 filed on 5/1/200] based on non-provisional of provisional application No. 60/201,570 filed on May 1,2000.***

10. As to claim 19, Bengtson teaches a system which including 'a method of using Internet [fig 1, element 108] to retrieve and handle at least one article in electronic form from a printed publication which has been printed in physical form by a publisher' [page 1, col 2, 0007, line 1-9], Bengtson is directed to printed publications and publisher controlled links, more specifically, serving internet web page to indicating printed publications as detailed in fig 1, examiner interpreting electronic form from a printed publication corresponds to web page, publisher corresponds to fig 1, element 107;

'providing at least one article that is to be published in printed physical form for circulation by said publisher' [page 1, col 1, 0005, line 5-7];

'assigning, by said publisher, said at least one article with at least one unique tag prior to printing said article in printed physical form for circulation by said publisher' [page 1, col 2, 0007, line 15-16], Bengtson specifically teaches publication query including publication identifier that corresponds to unique tag;

'publishing in circulation, by said publisher, both of said at least one article and its corresponding unique tag in printed physical form with its corresponding tag being printed in physical proximity to said article' [page 3, col 2, 0025, line 5-12], Bengtson specifically teaches publication link having HTML tags and further printed article is in portable document format file as detailed in page 3, col 2, line 5-12;

'storing, by said publisher, said at least one article in an electronic database, said article being uniquely retrievable based on said corresponding unique tag' [page 3, col 1, 0024, line 1-6], electronic database corresponds to publication link server fig 1, element 104;

'connecting, by said publisher, said database to said Internet' [fig 1, page 3, col 1, line 1-7], Bengtson specifically teaches multiple publishers elements 107 connected to we page server element 106, publication link server element 104 to internet element 108 as detailed in fig 1;

'receiving, by said publisher, a request from an Internet client, [fig 1, element 102], internet client corresponds to fig 1, element 102; said request including said at

Art Unit: 2166

least one tag, said tag having been previously retrieved by said Internet client from said printed physical form in circulation' [page 4, col 1, 0032, line 1-2, col 2, 0038];

'searching by said publisher through said database to locate said article in electronic form matching said at least one tag' [page 5, col 1, 0040], Bengtson specifically teaches search index related to publication links that including SQL server as detailed in fig 4;

'upon locating said article, said publisher electronically transmitting said article in electronic form to aid Internet client' [page 5, col 2, 0044, 0045, line 1-4].

11. As to claim 20, 29, Bengtson disclosed 'bundling additional information to said article when electronically transmitting said article in electronic form to said Internet client' [page 4, col 2, 0037].

12. As to claim 21, Bengtson disclosed 'bundling additional information based on profile information supplied by said Internet client' [page 5, col 1, line 8-10], profile information corresponds to publication link may have a page, a chapter, a title, a publisher, book identifying data with a network address and like as detailed in page 5, line 8-10.

13. As to claim 22, Bengtson disclosed 'bundling based on the profile information supplied by said internet client and subject matter of said printed article' [page 5, col 1, 0042, line 1-7].

Art Unit: 2166

14. As to claim 23, Bengtson disclosed 'prior to granting access of said database to said Internet client, pre-registering said Internet client for authentication, upon authentication of said Internet client, processing said request from said Internet client' [page 4, col 1, 0032, line 10-13, page 5, col 1, 0041, line 4-8], Bengtson specifically teaches client required to have user name, password to access particular publisher's publication link as detailed in page 5, col 1, 0041, line 5-8.

15. As to claim 25, Bengtson disclosed 'connecting said database to a telecommunication gateway, said gateway being adapted to transmit a request from a Internet client to said database through a telecommunication network' [fig 1, page 3, col 1, 0022, line 1-7]

16. As to claim 27, Bengtson disclosed 'assigning a default code, said default code being published with said article when printed in physical form for circulation' [page 3, col 2, 0026, line 5-10]; 'assigning additional codes, [fig 7, page 3, col 2, line 5-8]; 'name of publication, author's name, date of publication, at least a portion of said printed article's title' [see fig 7], especially publication details that including title, ISBN code, and network address as detailed in fig 7.

Art Unit: 2166

17. As to claim 28, Bengtson teaches a system which including 'a method of using the Internet to retrieve and handle a plurality of articles in electronic form from a plurality of publications which have been printed in physical form for circulation by at least one publisher' [page 1, col 2, 0008, fig 1], Bengtson specifically teaches publishers, web page servers, publication link servers are connected through Internet as detailed in fig 1, further Bengtson also teaches printing process associated with the printed publication that corresponds to printed in physical form;

'a first step of printing an article in physical format for circulation by said publisher comprising: providing said plurality of articles to be published in printed physical form for circulation by said publisher' [page 1, col 1, 0005, line 5-7, col 2, 0008, fig 1];

'assigning, by said publisher, each of said plurality of articles with at least one unique tag prior to printing in printed physical form for circulation' [page 1, col 2, 0007, line 15-16], Bengtson specifically teaches publication query including publication identifier that corresponds to unique tag;

'publishing in circulation, by said publisher, each of said plurality of articles in printed physical form with its corresponding tag also printed in physical proximity to each of said articles' [page 3, col 2, 0025, line 5-12], Bengtson specifically teaches publication link having HTML tags and further printed article is in portable document format file as detailed in page 3, col 2, line 5-12;

'collecting said plurality of articles in electronic form' [page 1, col 2, 0005, line 5-8], Bengtson specifically teaches publication links related to articles as detailed in 0005, col 2, line 5-8;

'storing said plurality of articles in at least one electronic database, each of said articles being uniquely retrievable based on said tag corresponding to each article; connecting, by said publisher, said at least one database to said Internet' [page 2, col 1, 0009, line 1-3, page 3, col 1, 0024, line 1-6], electronic database corresponds to publication link server fig 1, element 104;

'a second step or retrieving said article in electronic format' [page 4, col 2, 0038] comprising: 'receiving by said publisher a request from an Internet client [fig 1, element 102], internet client corresponds to fig 1, element 102; said request specifying said at least one tag and said Internet client's delivery means, said tag having been previously retrieved by said Internet client from said printed physical form in circulation' [page 4, col 1, 0032, line 1-2, col 2, 0038];

'searching through said at least one database to locate said article in electronic form matching said at least one tag by said publisher' [page 3, col 1, 0024, line 1-6, page 5, col 1, 0040], Bengtson specifically teaches search index related to publication links that including SQL server as detailed in fig 4;

'upon locating said article, said publisher electronically sending said article to said Internet client based on said Internet client's delivery means' [page 5, col 2, 0044, 0045, line 1-4].

Art Unit: 2166

18. As to claim 31, Bengtson disclosed 'connecting said at least one database to a telecommunication gateway, said gateway being adapted to transmit a request with a tag from a telecommunication client to said database' [see fig 1, page 3, col. 1, 0022];

'upon authenticating said request from said telecommunication client, processing said request' [page 4, col 1, 0032, line 7-13];

'upon locating an article in electronic form matching said tag, transmitting said article to said telecommunication client based on specified delivery means'[page 4, col 2, 0036];

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

19. **Claims 24,26, are rejected under 35 U.S.C. 103(a) as being unpatentable over Bengtson, US Publication 2002/0049781 [application No. 09/846,674 filed on 5/1/200] based on non-provisional of provisional application No. 60/201,570 filed on May 1,2000 as applied to claim 19 above, further in view of Carden,William,T.Jr. [hereafter Carden], WO 00/48098 published on 17 August 2000.**

Art Unit: 2166

20. As to claim 24, Bengtson disclosed 'electronically transmitting said article comprises sending by said Internet client' [see fig 1], however, Bengtson does not specifically teach 'email address'. On the other hand, Carden disclosed 'email address' [fig 7(b), element 729, 7(d), element 762, page 13, line 5-6].

It would have been obvious to one of the ordinary skill in the art at the time of Applicant's invention to incorporate the teachings of Carden into serving a web page to a client device based on printed publications and publisher controlled links of Bengtson because both Bengtson, Carden are specifically directed to publishing documents [see Bengtson: Abstract, fig 1; Carden: Abstract, fig 3], also, both are directed to servers, clients connected to Internet [see Carden: fig 3, page 2, line 16-24; Bengtson: fig 1, page 2, col 2, 0022].

One of the ordinary skill in the art at the time of applicant's invention to incorporate the teachings of Carden into serving a web page to a client device based on printed publications and publisher controlled links of Bengtson because that would have allowed users of Bengtson to use various documents from respective author's for immediate review, editing and publishing purposes using dynamic e-mail communication over Internet as suggested by Carden [page 1, line 31-32, page 2, line 1-3, page 6, line 32-33, page 7, line 1-2], further allows users of Bengtson to search databases for manipulate, display the data in the browser compatible format for review on the internet website [Carden: page 3, line 16-19].

Art Unit: 2166

21. As to claim 26, Bengtson disclosed 'upon re-registering said Internet client [see fig 1], storing address of said internet client for delivery' [page 3, col 2, 0027, line 1-3];

'connecting said database to a telecommunication gateway, said gateway being adapted to transmit a request from a Internet client to said database through a telecommunication network' [page 3, col 1, line 1-7, 0023, fig 1];

'upon authenticating said Internet client, sending said printed article to address of said Internet client previously collected' [page 4, col 1, 0032]. On the other hand, Carden disclosed 'storing an email address of said Internet client for delivery' [page 13, line 28-32].

**22. *Claim 30,32 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bengtson, US Publication 2002/0049781 [application No. 09/846,674 filed on 5/1/200] based on non-provisional of provisional application No. 60/201,570 filed on May 1,2000 as applied to claim 28 above, further in view of Mayadas, US Pub.No. 2001/0039515 filed on May 2, 2001 based on non-provisional of provisional application No. 60/201,340, filed on May 2, 2000.***

23. As to claim 30, Bengtson disclosed 'pre-registering each Internet client by collecting and storing information' [fig 1, page 3, col 1, 0023, col 2, 0027, line 13-21];

'issuing to each Internet client an access code to said database' [page 4, col 1, 0032, line 7-13];

'upon receiving a request from said Internet client, authenticating said Internet client'[page 4, col 1, 0032, page 5, col 1, 0041];

'if authenticated, allowing said searching to be conducted' [page 5, col 1, 0040];

It is however, noted that Bengtson does not specifically teach 'delivery means, profile and payment methods'. On the other hand, Mayadas disclosed delivery means, profile and payment methods' [see fig 1, page 2, col 1, 0022, line 1-6], Mayadas specifically teaches payment/message targeting system connected to the Internet as detailed in fig 1.

It would have been obvious to one of the ordinary skill in the art at the time of applicant's invention to incorporate the teachings of Mayadas into serving a web page to a client device based on printed publications and publisher controlled links of Bengtson because both Bengtson, Mayadas are specifically directed to publishing documents [see Bengtson: Abstract, fig 1; Mayadas:: Abstract, fig 1], also, it is noted that Mayadas specifically teaches message is published to selected users when they interact with one of the selected publishers [page 1, col 2, 0015].

One of the ordinary skill in the art at the time of applicant's invention to incorporate the teachings of Mayadas into serving a web page to a client device based on printed publications and publisher controlled links of Bengtson because that would have allowed users of Bengtson to interact with users of the Internet with specific targeted messages and user profile or publisher aggregators gathering data and

Art Unit: 2166

payment is being calculated as suggested by Mayadas [page 2, 0026, line 1-6], thus improving identifying users, publishers providing pay into the system.

24. As to claim 32, Bengtson disclosed 'request is transmitted through a telephone connection to said database and said reply is transmitted' fig 1, page 3, col 2, 0028], telephone connection corresponds to wireless telephone or personal digital assistant as detailed in fig 1, element 102. On the other hand, Mayadas disclosed 'client's pre-registered email address' [page 3, col 1, 0031].

25. ***Claim 33-36 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bengtson, US Publication 2002/0049781 [application No. 09/846,674 filed on 5/1/200] based on non-provisional of provisional application No. 60/201,570 filed on May 1,2000 in view of Mayadas, US Pub.No. 2001/0039515 filed on May 2, 2001 based on non-provisional of provisional application No. 60/201,340, filed on May 2, 2000.***

26. As to claim 33, Bengtson teaches a system which including 'a first step of printing an article in physical format for circulation by said publisher, providing a plurality of articles to be published in printed physical form for circulation' [page 1, col 1, 0005, line 5-7, col 2, 0008, fig 1];

'assigning, by said publisher, each of said plurality of articles with at least one unique tag prior to printing said article in printed physical form for circulation' [page 1,

Art Unit: 2166

col 2, 0007, line 15-16], Bengtson specifically teaches publication query including publication identifier that corresponds to unique tag;

'publishing, by said publisher, in circulation both of each of said plurality of articles and its corresponding tag in printed physical form, each corresponding tag being printed in physical proximity to each of said articles' [page 3, col 2, 0025, line 5-12], Bengtson specifically teaches publication link having HTML tags and further printed article is in portable document format file as detailed in page 3, col 2, line 5-12;

'storing, by said publisher, said plurality of articles in at least one electronic database, each of said articles being searchable based on said at least one tag' [page 2, col 1, 0009, line 1-3, page 3, col 1, 0024, line 1-6], electronic database corresponds to publication link server fig 1, element 104;

'connecting said at least one database to said Internet' [see fig 1];

'a second step of retrieving said article in electronic format, comprising: registering said entity customer by storing information'[page 2, col 2, 0021, line 15-18];'access rights criteria' [page 4, col 1, 0032, line 7-13], access rights criteria corresponds to user identifier and password;

'receiving a request from an Internet client, said request including said at least one tag, said tag having been retrieved by said Internet client [fig 1, element 102], internet client corresponds to fig 1, element 102; from said printed physical form in circulation' [page 4, col 1, 0032, line 1-2, col 2, 0038];

'authenticating by said publisher said Internet client to determine if said Internet client is allowed by said entity customer' [page 5, col 1, 0041];

Art Unit: 2166

'if authenticated, searching through said at least one database to locate said article in electronic form matching said at least one tag' [page 5, col 1, 0040, 0042];

'upon locating said article, said publisher electronically sending said article to said Internet client based on delivery method provided by said Internet client'[page 5, col 2, 0044, 0045, line 1-4]

It is however, noted that Bengtson does not specifically teach 'payment methodology'. On the other hand, Mayadas disclosed 'payment methodology' [fig 1, page 2, col 1, 0022, line 10-15].

It would have been obvious to one of the ordinary skill in the art at the time of applicant's invention to incorporate the teachings of Mayadas into serving a web page to a client device based on printed publications and publisher controlled links of Bengtson because both Bengtson, Mayadas are specifically directed to publishing documents [see Bengtson: Abstract, fig 1; Mayadas: Abstract, fig 1], also, it is noted that Mayadas specifically teaches message is published to selected users when they interact with one of the selected publishers [page 1, col 2, 0015].

One of the ordinary skill in the art at the time of applicant's invention to incorporate the teachings of Mayadas into serving a web page to a client device based on printed publications and publisher controlled links of Bengtson because that would have allowed users of Bengtson to interact with users of the Internet with specific targeted messages and user profile or publisher aggregators gathering data and payment is

Art Unit: 2166

being calculated as suggested by Mayadas [page 2, 0026, line 1-6], thus improving identifying users, publishers providing pay into the system.

As to claim 34, Mayadas disclosed 'said payment methodology comprises user fee based on the number of Internet clients allowed by said entity customer' [page 2, col 2, 0026];

'said access rights criteria comprises granting rights to those Internet clients matching predetermined criteria identified by said entity customer' [page 3, col 1, 0035, line 6-11, 0036], access rights corresponds to user registration process to establish and interact with web site.

As to claim 35, Mayadas disclosed 'delivery method comprises only delivering said article in electronic form to said entity customer's designated mailbox'[page 3, col 1, 0034].

As to claim 36, Mayadas disclosed 'said delivery of each requested article is bundled with a commercial advertisement supplied by an advertiser' [page 3, col 2, 0044];

'collecting a fee from said advertiser based on the bundling' [page 3, col 2, 0042].

***Response to Arguments***

27. Applicant's arguments filed on 5/12/2005 have been fully considered [page8-12], Claims 19-23,35,27-29,31 are rejected under 35 U.S.C. 102(e) as being anticipated by Bengtson, US Publication 2002/0049781 [application No. 09/846,674 filed on 5/1/200] based on non-provisional of provisional application No. 60/201,570 filed on May 1,2000.

Claims 24,26, are rejected under 35 U.S.C. 103(a) as being unpatentable over Bengtson, US Publication 2002/0049781 [application No. 09/846,674 filed on 5/1/200] based on non-provisional of provisional application No. 60/201,570 filed on May 1,2000 as applied to claim 19 above, further in view of Carden,William,T.Jr. [hereafter Carden], WO 00/48098 published on 17 August 2000.

*Claim 30,32 is rejected* under 35 U.S.C. 103(a) as being unpatentable over Bengtson, US Publication 2002/0049781 [application No. 09/846,674 filed on 5/1/200] based on non-provisional of provisional application No. 60/201,570 filed on May 1,2000 as applied to claim 28 above, further in view of Mayadas, US Pub.No. 2001/0039515 filed on May 2, 2001 based on non-provisional of provisional application No. 60/201,340, filed on May 2, 2000.

*Claim 33-36 is rejected* under 35 U.S.C. 103(a) as being unpatentable over Bengtson, US Publication 2002/0049781 [application No. 09/846,674 filed on 5/1/200]

Art Unit: 2166

based on non-provisional of provisional application No. 60/201,570 filed on May 1, 2000  
in view of Mayadas, US Pub.No. 2001/0039515 filed on May 2, 2001 based on non-  
provisional of provisional application No. 60/201,340, filed on May 2, 2000.

***Conclusion***

**The prior art made of record**

- |    |            |              |
|----|------------|--------------|
| a. | US Pub No. | 2002/0049781 |
| b. | US Pub No  | 2001/0039515 |
| c. | PCT        | WO 00/48098  |

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Srirama Channavajjala whose telephone number is 571-272-4108. The examiner can normally be reached on Monday-Friday from 8:00 AM to 5:30 PM Eastern Time.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alam, Hosain, T, can be reached on (571) 272-3978. The fax phone numbers for the organization where the application or proceeding is assigned is 703/872-9306 Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on/access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free)

SC  
Patent Examiner.  
May 25, 2005.

  
**SRIRAMA CHANNAVAJJALA**  
**PRIMARY EXAMINER**